

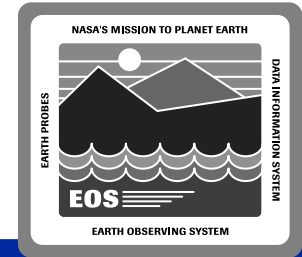


EP6 Integration & Test

Ronald K. Campbell

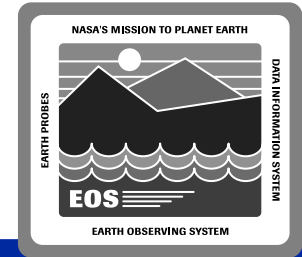
August 4, 1995

Overview



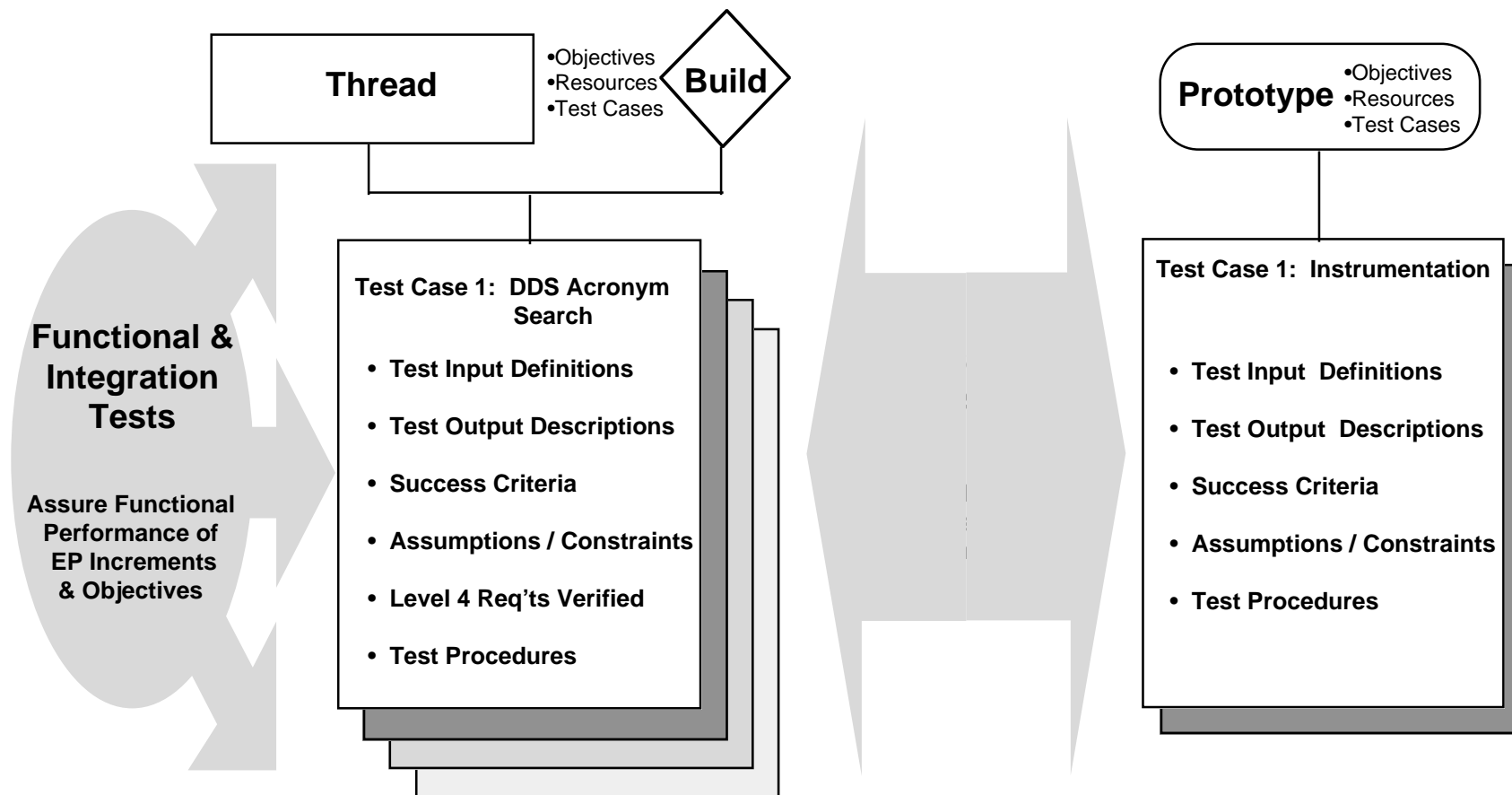
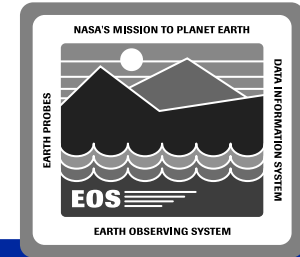
- **I&T Approach for EP6**
 - **Build / Thread Plan**
 - **I&T Schedules**
 - **Test Case and Procedure Outline**
- **Test Tools**
- **Planned Resources**

EP6 Build / Thread Plan



Please see the file ep6BTP.ps in the pickup directory on edhs1.gsfc.nasa.gov

Test Cases

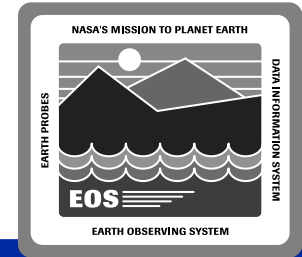


Thread - a set of components (software, hardware, and data) and operational procedures that implement a function or set of functions.

Build - an assemblage of threads to produce a gradual buildup of system capabilities. Builds are combined with other builds and threads to produce higher level builds.

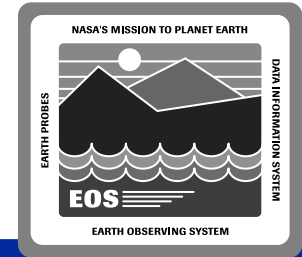
Prototype - focused rapid development of specific system aspects which may advance evolutionary change.

Test Tools



- **X Runner**
 - **Capture/playback test tool to execute recorded scripts**
- **Load Runner**
 - **Performance metrics tool to record distributed performance statistics**
- **DDTS**
 - **Distributed Defect Tracking System tool to track Non-Conformance Reports logged during the I&T phase**
- **Clear Case**
 - **Configuration Management tool**
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Planned Resources



- **Assigned I&T Workstations in EDF**
- **Input Test Data Comprised of:**
 - **Earth Science Data based on available data**
 - **Includes Earth Science, Advertisement Service, and Data Dictionary Service search criteria**
 - **Also includes User Registration, User Preference and User Comment information**
 - **Anomalous Data for Error Handling**
- **Traceability of L4 Requirements for EP6**
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